



GCSE Geography

Personalised Learning Checklist



Name: _____

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| Exam Board | AQA |
| Topic | P2 Sec C: The challenge of Resource Management |

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| My target grade is | |
| Teaching Group | |

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| My current Grade is: | Autumn: | Spring: | Summer: |
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Use this checklist before your assessment to focus your work and after to check the effectiveness of your work.

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| G | I am confident about this topic, and I know what I need to do. |
| A | I am not too sure about this topic. I may need to check with my teacher and spend more time working on this topic. |
| R | I am not confident I could answer a question on this topic. I need to check with my teacher and ensure I have what I need to do it. |

| Specification | | | | | | |
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| Global Resources (Core Content) | | | | R | A | G |
| | I can describe the importance of food, water and energy to the economic and social wellbeing. | | | | | |
| | I can describe the distribution of resources around world. | | | | | |
| | I can explain why resources are unevenly distributed around the world. | | | | | |
| Resources in the UK (Core Content) | | | | R | A | G |
| | I can describe the distribution of resources around the UK. | | | | | |
| | I can explain the changing demand for different foods in the UK. | | | | | |
| | I can explain why food miles are increasing in the UK. | | | | | |
| | I can explain how food miles can be reduced in the UK. | | | | | |
| | I can describe the different industries involved in agriculture (agribusiness) and explain how they are changing in the UK. | | | | | |
| | I can explain the changing demand for water in the UK. | | | | | |
| | I can describe the problems with water quality and pollution in the UK and how they can be managed. | | | | | |
| | I can explain how the UK is trying to manage water to meet supply and demand . | | | | | |
| | I can describe the UKs energy mix and how it has changed over time. | | | | | |
| | I can explain how the UK can reduce its reliance on fossil fuels . | | | | | |
| | I can describe and explain the economic and environmental issues with exploitation of energy sources. | | | | | |
| Resource Management Option: Water | | | | R | A | G |
| | I can describe the global distribution of water resources both surplus and deficit | | | | | |
| | I can explain why water consumption is increasing | | | | | |
| | I can explain and evaluate the different factors which effect water availability including: <ul style="list-style-type: none"> • Climate • Geology • Pollution of supply • Over-abstraction • Limited infrastructure • Poverty. | | | | | |
| | I can analyse the impacts of water insecurity including: <ul style="list-style-type: none"> • Waterborne disease • Water pollution • Food production • Industrial output • The potential for conflict where demand exceed supply. | | | | | |
| | I can explain and evaluate how water supplies can be managed to increase supply in certain areas | | | | | |

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| I can <u>use an example</u> to show how managing water through a transfers schemes has both advantages and disadvantages | | | |
| I can explain how water resources can be managed sustainably | | | |
| I can <u>use an example</u> of a local scheme which has managed water sustainably to increase water supplies in an LIC or NEE. | | | |
| Resource Management Option: Energy | R | A | G |
| I can describe the global distribution of energy resources both surplus and deficit | | | |
| I can explain why energy consumption is increasing | | | |
| I can explain and evaluate the different factors which effect energy availability including: <ul style="list-style-type: none"> • Physical factors • Cost of exploitation and production • Technology • Political factors | | | |
| I can analyse the impacts of energy insecurity including: <ul style="list-style-type: none"> • Exploration of difficult and environmentally sensitive areas • Economic costs • Environmental costs • Food production • Industrial output • Potential for conflict where demand exceeds supply | | | |
| I can explain and evaluate how energy supplies can be managed to increase supply in certain areas <ul style="list-style-type: none"> • Renewable (biomass, wind, HEP, tidal, geothermal, wave and solar) • Non-renewable (fossil fuels and nuclear) <ul style="list-style-type: none"> ○ Use an example to show how the extraction of fossil fuels has both advantages and disadvantages | | | |
| I can use <u>examples</u> to show how individual energy use and carbon footprints can be managed sustainably: <p>Energy conservation</p> <ul style="list-style-type: none"> • Designing homes, workplaces and transport for sustainability • Demand reduction • Use of technology to increase efficiency in the use of fossil fuels | | | |
| I can <u>use an example</u> of a local scheme which has managed energy sustainably to increase energy supplies in an LIC or NEE. | | | |
| Resource Management Option: Food | R | A | G |
| I can describe the global distribution of food resources both surplus and deficit | | | |
| I can explain why food/calorie consumption is increasing | | | |
| I can explain and evaluate the different factors which effect food availability including: <ul style="list-style-type: none"> • Global patterns of calorie intake and food supply • Economic development • Rising population • Climate • technology • pests and disease • water stress • conflict • poverty | | | |
| I can analyse the impacts of food insecurity including: <ul style="list-style-type: none"> • famine • undernutrition • soil erosion • rising prices • social unrest | | | |
| I can explain and evaluate how food supplies can be managed to increase supply in certain areas | | | |
| I can <u>use an example</u> to show how managing food has both advantages and disadvantages: <ul style="list-style-type: none"> • Irrigation • Aeroponics • Hydroponics • The new green revolution and use of biotechnology • Appropriate technology <ul style="list-style-type: none"> ○ I can <u>use an example</u> of a large agricultural development which has managed food to show it has both advantages and disadvantages. | | | |
| I can explain how food resources can be managed sustainably | | | |

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| | I can give examples of how food resources can be made sustainable for the future: <ul style="list-style-type: none"> • Organic farming • Permaculture • Urban farming initiatives • Fish and meat from sustainable sources • Seasonal food consumption • Reduced waste and losses | | | |
| | I can <u>use an example</u> of a local scheme which has managed food sustainably to increase food supplies in an LIC or NEE. | | | |
| | Exam Questions | R | A | G |
| | 1 mark: <i>multiple choice, define, give an example, calculate, complete the figure, study the figure, state</i> | | | |
| | 2 marks: <i>outline, give examples, locate, suggest</i> | | | |
| | 3 marks: <i>outline, give examples, suggest, describe</i> | | | |
| | 4 marks: <i>describe, explain, suggest</i> | | | |
| | 6 marks: Explain, discuss, suggest | | | |
| | 9 marks: Evaluation Style Question. <i>To what extent, assess, "do you agree?"</i> | | | |
| | 3 marks for SPaG: accuracy of spelling, punctuation, grammar, and the use of specialist terminology. Assessed in a 9-mark question. | | | |

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| Actions & Interventions |
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| Additional Support / Guidance |
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